

Title (en)

MOTION COMPENSATION DEVICE

Title (de)

BEWEGUNGSKOMPENSATIONSVORRICHTUNG

Title (fr)

DISPOSITIF DE COMPENSATION DE MOUVEMENT

Publication

**EP 2953884 A1 20151216 (EN)**

Application

**EP 14704183 A 20140205**

Priority

- NL 2013050060 W 20130205
- NL 2014050070 W 20140205

Abstract (en)

[origin: WO2014123414A1] Pedestal motion compensation device 1) for compensating heave, pitch and roll motion of a carrier frame on board of a vessel. The device comprises: a carrier frame (2); a base (3) for supporting the device on the vessel; a z-translation unit (4); and a xy-rotation unit (5). The z-translation unit allows a z-axis translational movement. The xy-rotation unit allows x-axis rotational movement as well as y-axis rotational movement. A z-axis rotational movement is prevented by a linear guide system (12), and a main universal joint (14) including a blocking element (58), so that the carrier frame and the base are moveable with respect to each other in a translational direction along the z-axis, in a rotational direction around the x-axis and in a rotational direction around the y-axis but restrained from mutual movement in a translational direction along the x-axis, in a translational direction along the y-axis and in a rotational direction around the z-axis.

IPC 8 full level

**B66C 13/02** (2006.01); **B63B 27/10** (2006.01)

CPC (source: EP)

**B66C 13/02** (2013.01); **B63B 27/10** (2013.01); **B63B 2017/0072** (2013.01)

Citation (search report)

See references of WO 2014123414A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2014123414 A1 20140814**; EP 2953884 A1 20151216; EP 2953884 B1 20171227

DOCDB simple family (application)

**NL 2014050070 W 20140205**; EP 14704183 A 20140205